

**FIG. 1**

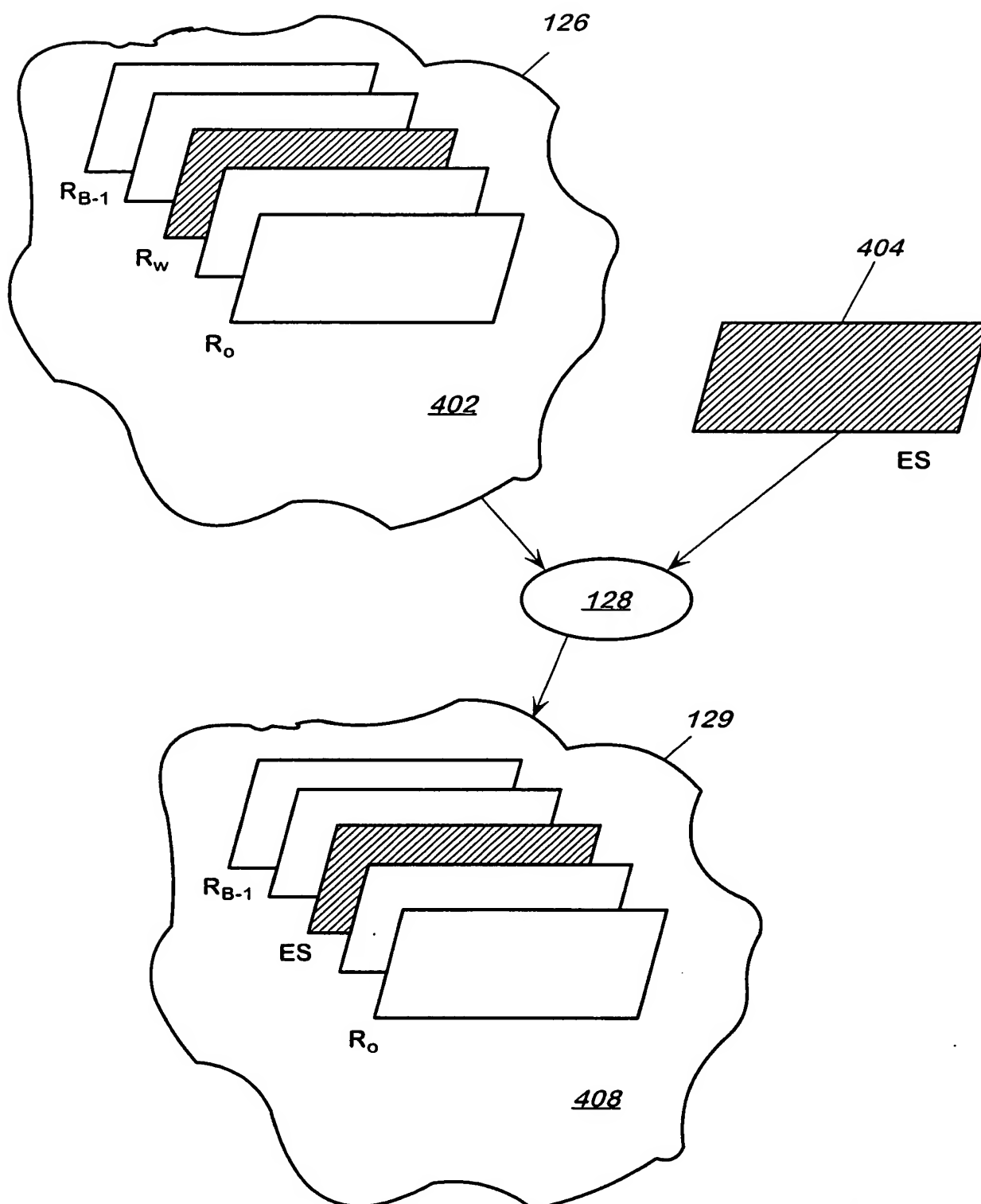
App No.: 10/817,404  
 Inventor: Ira S Moskowitz et al.  
 Title: FPSIG--METHODS AND SYSTEMS FOR FREQUENCY-  
 DOMAIN WATERMARKING USING PHASE-BASED, etc.  
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Y	X	0	1	• • •	M-1
0		s(0,0)	s(1,0)		s(M-1,0)
1		s(0,1)	s(1,1)		s(M-1,1)
•		•	•	•	•
•		•	•	•	•
•		•	•	•	•
N-1		s(0,N-1)	s(1,N-1)		s(M-1,N-1)

**FIG. 2**

v	u	0	1	• • •	M-1
0		F(0,0)	F(1,0)		F(M-1,0)
1		F(0,1)	F(1,1)		F(M-1,1)
•		•	•	•	•
•		•	•	•	•
•		•	•	•	•
N-1		F(0,N-1)	F(1,N-1)		F(M-1,N-1)

**FIG. 3**



**FIG. 4**

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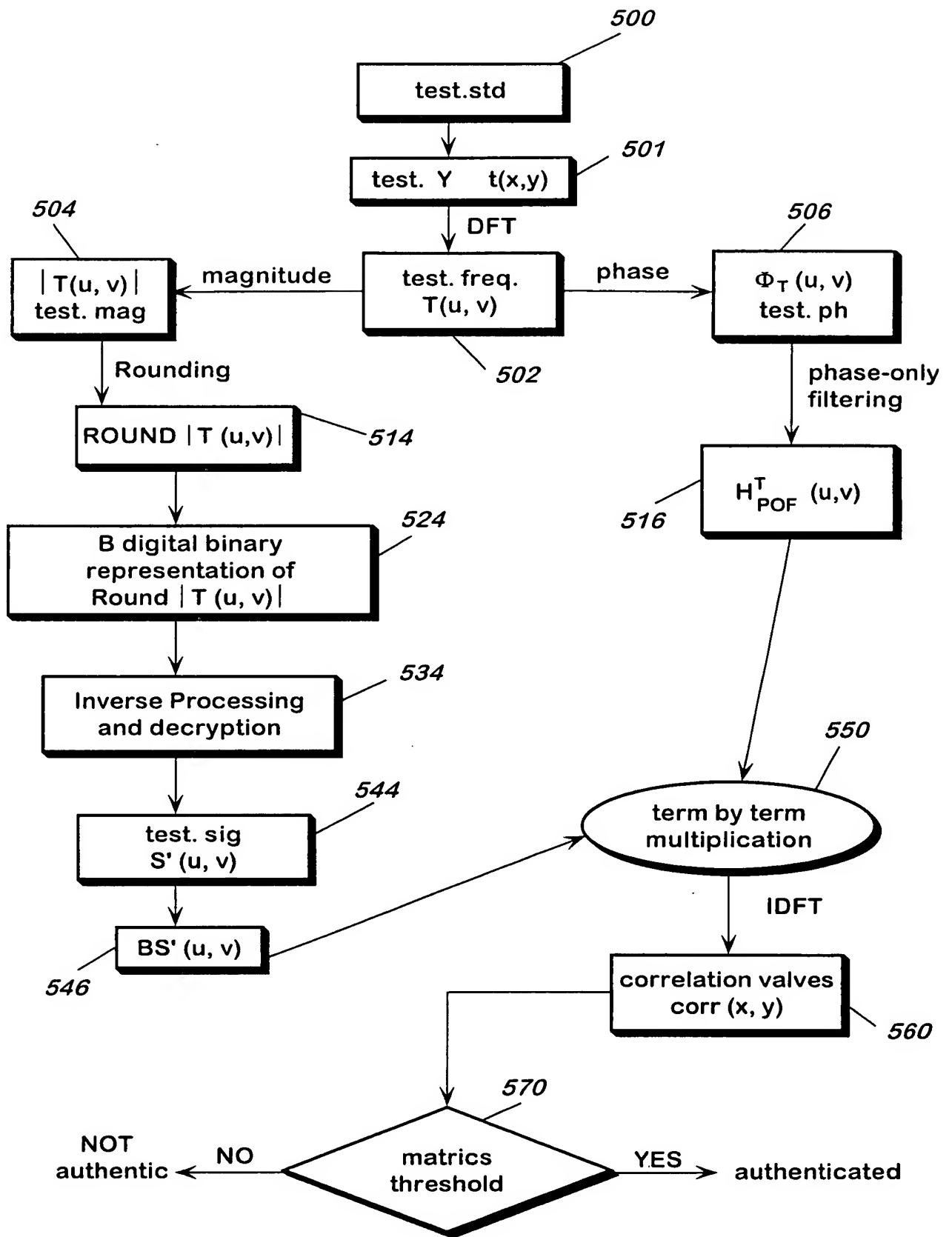
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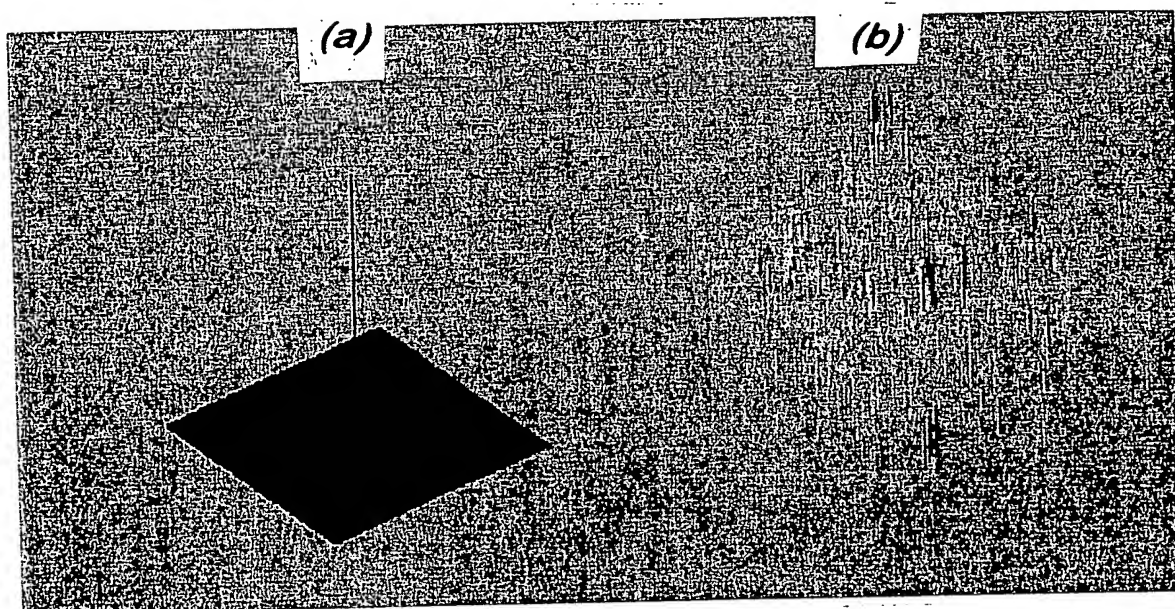
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**FIG. 5**

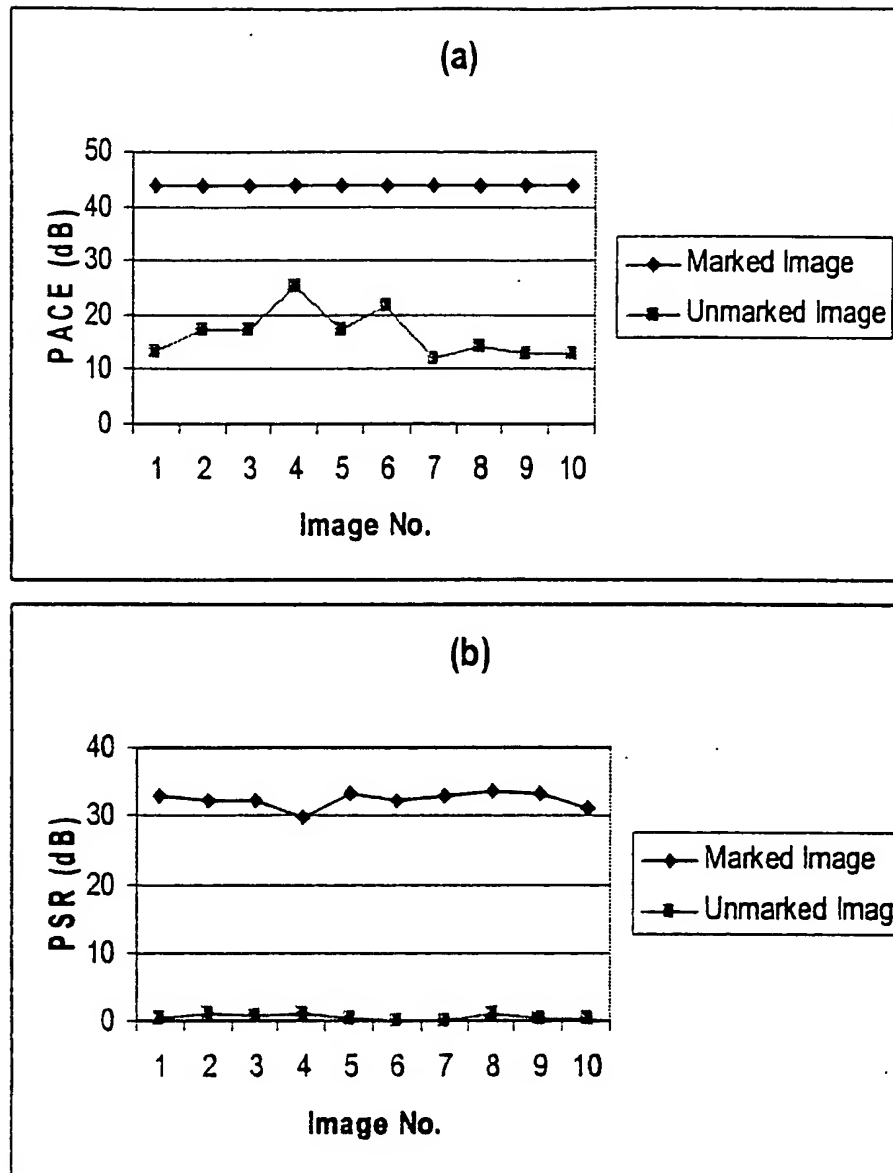


**FIG. 6**

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**FIG. 7**

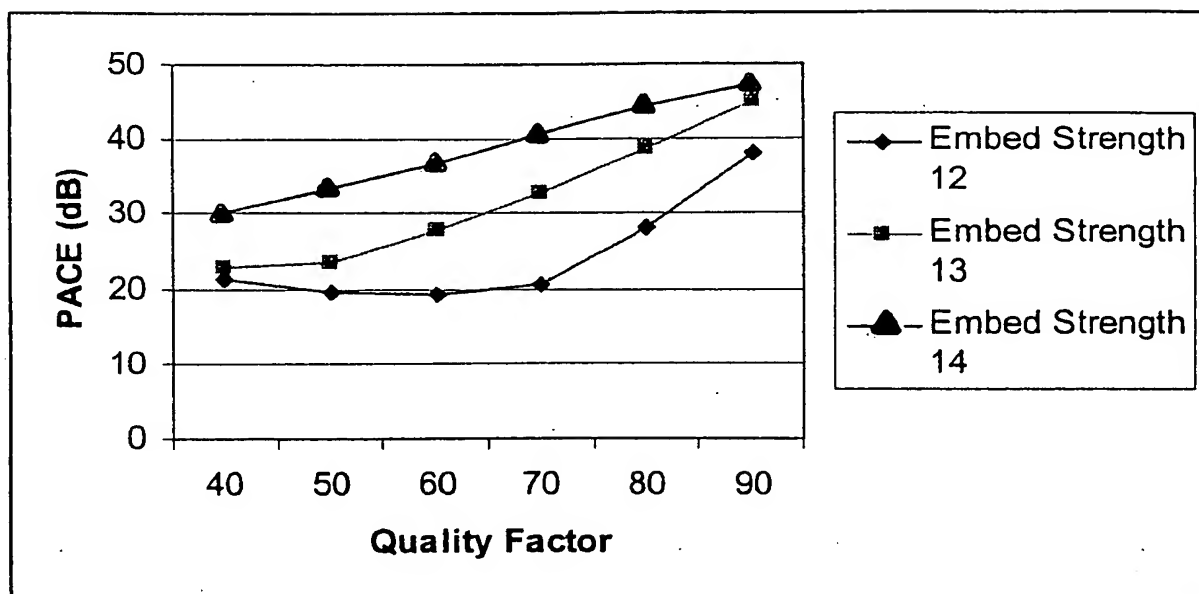
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**FIG. 8**

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